

ENVIRONMENTAL SCIENCE

Fort Cherry Jr./Sr. High School

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Environmental Science Topics

- Renewable and Nonrenewable Resources
 - Soil, Water, and Energy
 - Pollution
 - Water Pollution, Air Pollution, and Pests

Materials Needed for Class Everyday

- Pencil or pen
- Environmental Science folder
- Highlighter
- Agenda

Materials Needed at Home

- ~Various art supplies such as:
- *Colored pencils or crayons
 - *Scissors
 - *Glue or tape

Evaluation

The following work will be used to measure student performance throughout the nine weeks.

Note: If your name is not on your work, I cannot and will not give you credit for it.

Homework: All homework is required to be written down in each student's agenda. This is the FIRST thing that should be done when students enter the classroom. This includes vocabulary, lab handouts, projects, and other assignments. **No late homework** will be accepted for points at any time (with the exception of absences).

Labs: In addition to participating in labs and collecting data in class, students are responsible for analyzing their results by completing lab handouts as instructed for homework. Such labs may include vocabulary, data, questions, and/or a conclusion.

Projects: To help connect environmental science to their everyday lives, students will also apply the content learned by completing various projects and activities. Some will be individual while others will involve group work. All projects will be announced ahead of time with detailed expectations. There will be a final project at the end of the nine weeks to apply what was learned throughout the class.

Journaling: A few times a week, an open-ended journaling question will be posted. Students are to thoughtfully respond by writing at least 5 sentences, answering all parts of the question in the journaling portion of their folder. These will be checked periodically.

Vocabulary: In one pocket of their environmental science folder, students will have a section to keep class notes as well as an ongoing vocabulary list. While taking notes, students are to highlight the vocabulary so such words are easier to find later. They are responsible for keeping up with their definitions as new notes are given. These will be checked periodically.

Participation: This class will be much more valuable if constructive discussion occurs. This involves being prepared and on time for class as much as it means asking and answering questions. Taking notes and completing in class activities and labs also factor into their participation grade. *Students will earn 2 participation points each day for following procedures.*

Extra credit: Students can earn up to 50 points of extra credit by summarizing articles from the newspaper that relate to environmental science. See the current events direction sheet for details and due dates.

Grading Policy

- The grade for the report period will be computed by simple percent, using total points earned divided by total possible points per period.
- A final exam will be given at the end of the nine weeks and will be factored in as any other assignment would.
- Grade percentage range
 - A = 90 - 100
 - B = 80 - 89
 - C = 70 - 79
 - D = 60 - 69
 - F = 50 - 59

Make Up Work

- Make up work is the responsibility of the students (this includes journal questions). Students are to see me at the BEGINNING of class to determine what was missed.
- Homework assigned when a student is present will be due the day the student returns to class. When they return, they will also be given all missing classwork and homework to make up according to the timeline specified, which will depend on how many days were missed.
- If a student knows ahead of time they will be absent, such as for a field trip, sporting event, or vacation, they must see me ahead of time to get the missing assignments.

Note: Activities will emphasize critical thinking, development of personal environment attitudes and values, and environmental problem solving. This class is designed to apply knowledge of science to many issues surrounding you in the environment today.

Expectations for Mrs. Amos' Environmental Science Class

Rules

1. Follow all directions the first time.
2. Keep your hands, feet, and other objects to yourself.
3. Be in your seat with your writing utensil, folder, highlighter, and agenda when the bell rings.
4. No teasing, put downs, swearing, or fighting.
5. No hats, electronics, food, or drinks.
6. Use the restroom between classes/at lunch.
7. Only use the computers as instructed.

Discipline Consequences

First Consequence: Warning

Second Consequence: Sit apart from class for 5-10 min.

Third Consequence: Sit apart for 5-10 min. AND 30 minute detention

Fourth Consequence: Sit apart for 5-10 min. AND 60 minute detention

Fifth Consequence: Sit apart from class for 5-10 minutes, 60 minute detention, AND phone call home

Severe Clause: Go to office

Sub Clause: If your name is written down for any reason by a substitute or covering teacher, you will be given an automatic detention

Positive Consequences

- Verbal praise
- Positive note/email/phone call home
- Late homework pass
- Free time at end of class
- Pick own groups for lab or project

Contract for Expectations and Procedures

I, _____, understand and agree to follow the procedures and expectations as outlined in this packet while in Mrs. Amos' environmental science class.

Signature of Student _____

Signature of Parent/Guardian _____

Contact information (email and/or phone) _____

LAB SAFETY CONTRACT

1. I will not misbehave in the laboratory or play with laboratory equipment or materials. I will not engage in behavior that is disruptive or dangerous or that interferes with another student's right to learn.
2. When first entering the science room, I will not touch any equipment, chemicals, or other materials in the laboratory area until instructed to do so.
3. I will follow all written and verbal instructions carefully. I will wait until I receive my teacher's permission to begin a lab activity. I will not carry out unassigned lab experiments without my teacher's permission.
4. I will protect my eyes, face, and hands while engaging in lab activities by wearing safety goggles and other protective gear as directed by my teacher.
5. I will work only at my assigned station.
6. I will not eat, drink, or taste anything in the laboratory. This includes food and drink as well as chemicals.
7. I will report any injury or accident to my teacher immediately.
8. I will clean up my lab supplies and any mess I have made as directed by the teacher.
9. I will wash my hands thoroughly after using chemicals and lab equipment. When using chemicals, I will not touch my mouth, lips, or eyes until after I have washed my hands.
10. I will never remove chemicals or other materials from the lab area.

I, _____, understand that failure to comply with these safety guidelines may result in my being removed from class and that I will lose credit for the work that is done during my absence.

Student signature _____

Date _____

I have read this lab safety contract and understand what is expected of my child during science laboratory activities.

Parent/guardian signature _____

Date _____